

Title (en)

Electrophotographic photoconductor, image forming apparatus using the same, and process cartridge

Title (de)

Elektrofotografischer Fotoleiter, Bilderzeugungsvorrichtung und Prozesskartusche damit

Title (fr)

Photoconducteur électrophotographique, appareil de formation d'images l'utilisant, et cartouche de traitement

Publication

EP 2146251 A1 20100120 (EN)

Application

EP 09158363 A 20090630

Priority

JP 2008183932 A 20080715

Abstract (en)

An electrophotographic photoconductor which includes at least a photosensitive layer and a surface protective layer over a support, wherein the surface protective layer contains a filler, a charge transporting material and a specific compound; and the photosensitive layer contains at least a charge transporting material; the charge transporting material contained in the photosensitive layer has an oxidation potential lower than the oxidation potential of the charge transporting material contained in the surface protective layer and is a specific compound.

IPC 8 full level

G03G 5/05 (2006.01); **G03G 5/06** (2006.01); **G03G 5/147** (2006.01)

CPC (source: EP US)

G03G 5/0517 (2013.01 - EP US); **G03G 5/0521** (2013.01 - EP US); **G03G 5/061473** (2020.05 - EP US); **G03G 5/0666** (2013.01 - EP US); **G03G 5/0672** (2013.01 - EP US); **G03G 5/14708** (2013.01 - EP US)

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